

ELECTRA-flo/SD

ANALOG OUTPUTS

THERMAL AIRFLOW MEASURING SYSTEM

SUBMITTAL SHEET

Model ESD-A02

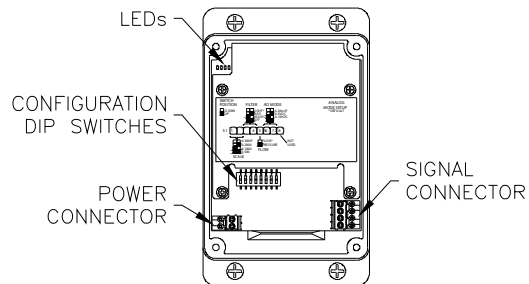
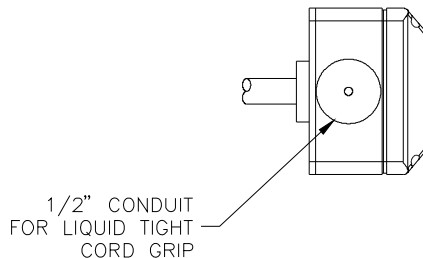
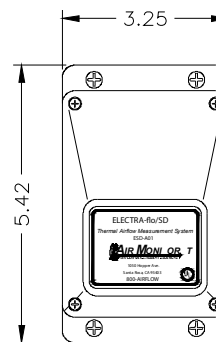
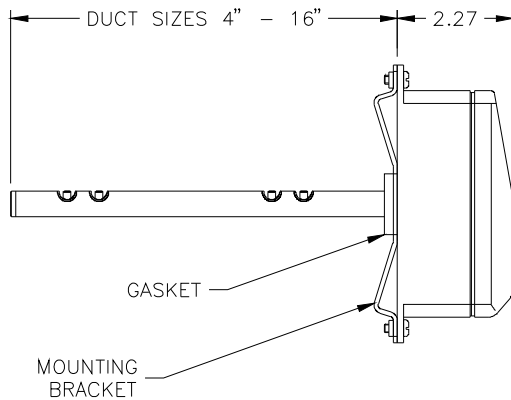
STANDARD CONSTRUCTION

Probe.	Type 6063 anodized aluminum. (Optional Construction: Type 316 stainless steel)
Sensor Housing.	Injection molded polycarbonate. UL94 V-0.
Sensor Type.	Surface mount precision thermistor.
Sensor Quantity.	4" probe, one sensor. Probes 5" to 16" long, two sensors.
Enclosure.	NEMA 4, injection molded polycarbonate. UL94 V-0.
Mounting.	Formed Type 6063 aluminum bracket.
Gasket.	Closed cell neoprene, 1/4" thick.
Configuration.	By means of 8 DIP switches.
Power Supply.	24VAC (20-28VAC) or 24VDC (20-40VDC), automatically selected.
Power Consumption.	5VA.
Circuit Protection.	Power input is isolated, fused, and reverse polarity protected. Analog output(s) are isolated from input power.
Analog Output(s).	Field selectable for 0-5VDC, 0-10VDC or 4-20mA DC.
Analog Scaling.	Field selectable for 0-500, 0-1000, 0-2000 or 0-3000 FPM.
Output Filter.	Field selectable - none, light, medium or high.
Humidity Limits.	0-99% RH, non-condensing.
Temperature Limits.	-20°F to 140°F at enclosure location. -10°F to 120°F airflow.
Electrical Connectors.	Separate power and signal terminal strips with plug-in connectors.

PERFORMANCE SPECIFICATIONS

Individual Sensor Accuracy.	2% of reading
Airflow Accuracy.	2-3% of flow
Temperature Accuracy.	±0.1°F
Analog Resolution.	0.02%

DIMENSIONAL INFORMATION



INTERIOR VIEW - ANALOG VERSION